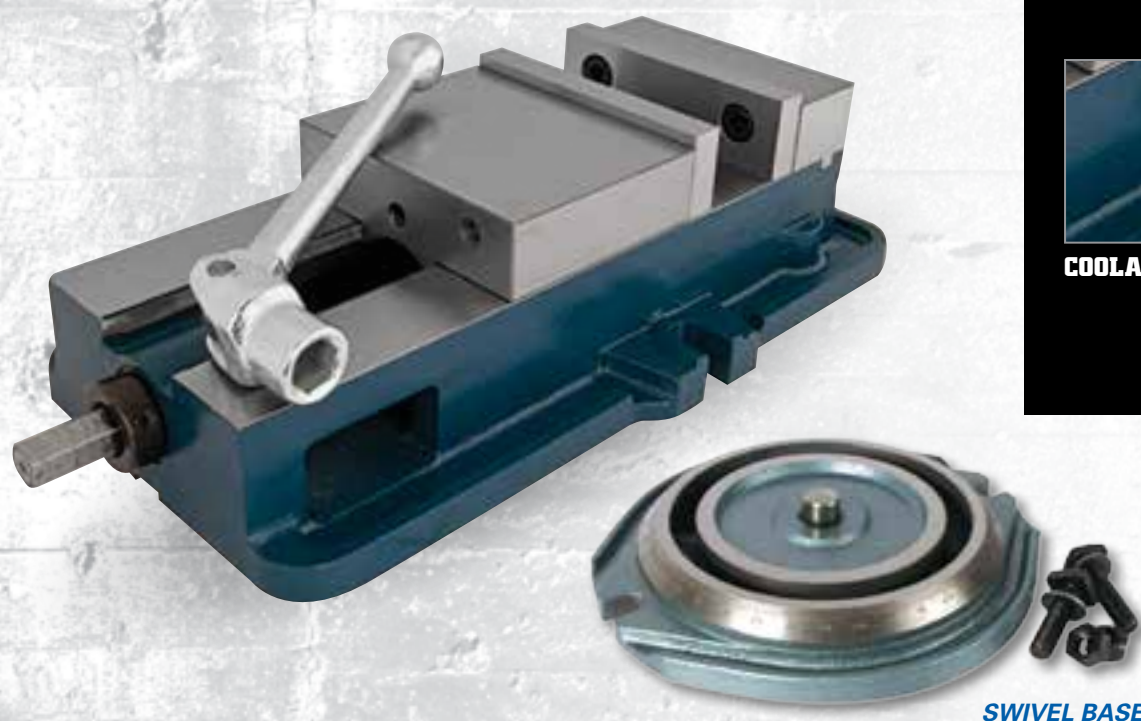


VERTI-LOCK[®] MILLING MACHINE VISE

ACCURATE, SOLID & TRUE



FLAME HARDENED BED



HARDENED JAWS



COOLANT DRAIN



SWIVEL BASE

COMMON FEATURES

WISE BODY:

- The ductile alloy vise body with flame-hardened bed provides solid work support, accuracy, and longevity

WISE JAWS:

- The fixed jaw is rated at 85,000 PSI and the annealed, surface ground sliding jaw at 70,000 PSI

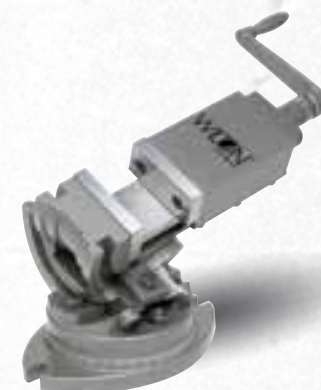
SPINDLE:

- Fully enclosed spindle is protected from milling elements
- Cut from special alloy steel, hardened and ground

Stock No.	Model	Jaw Width (in.)	Jaw Depth (in.)	Jaw Opening (in.)	Net Weight (lbs.)
STANDARD VISE ONLY					
12390	1250N	5	1-7/16	4-1/2	50
63186	1275N	6	1-3/4	7-1/2	75
12375	1280N	8	2-1/4	7-1/2	164
SWIVEL BASE ONLY					
12285	5S	5	-	-	20
12290	6S	6	-	-	26
12295	8S	8	-	-	48

SUPER PRECISION MACHINE VISES

ANGULAR & SELF CENTERING PRECISION



SUPER PRECISION 3-AXIS TILTING

- Perfect vise for 3-axis jobs in milling, drilling, grinding, shaping and jig boring
- Vise bodies are constructed of close grained, high tensile, seasoned alloy castings
- Ergonomically designed all steel handle with spring loaded ball attachment
- Durable polychromatic finish
- Hardness of Jaws 55 ± 3HRC



SUPER PRECISION 2-AXIS ANGULAR

- Perfect vise for applications where the workpiece requires machining on an angle
- Vise bodies are constructed of close grained, high tensile, seasoned alloy castings
- All ground surfaces made to close tolerances
- Ergonomically designed all steel handle with spring loaded ball attachment
- Hardness of Jaws 55 ± 3HRC



SUPER PRECISION SELF CENTERING

- Very convenient for use with drilling and milling machines where quick centering is required
- Allows for accurate centering of jobs automatically
- Special design allows accurate setting up of jobs with only a single machine setting

Stock No.	Model	Jaw Width (in.)	Jaw Depth (in.)	Jaw Opening (in.)	Net Weight (lbs.)
SUPER PRECISION 3-AXIS TILTING					
11700	TLT/SP-50	2	1	2	10
11701	TLT/SP-75	3	1-5/16	3	26
11702	TLT/SP-100	4	1-1/2	4	52
11803	TLT/SP-125	5	1-3/4	5	84
11804	TLT/SP-150	6	1-3/4	6	119

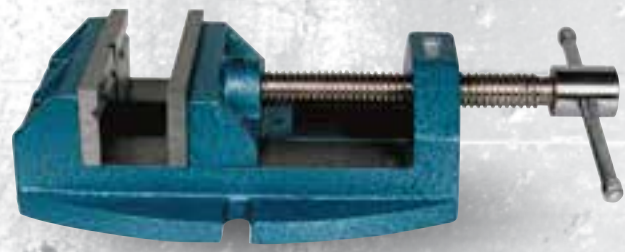
Stock No.	Model	Jaw Width (in.)	Jaw Depth (in.)	Jaw Opening (in.)	Net Weight (lbs.)
SUPER PRECISION 2-AXIS TILTING					
11703	AMV/SP-50	2	15/16	2	8
11704	AMV/SP-75	3	1-5/16	3	22
11705	AMV/SP-100	4	1-9/16	4	43
11706	AMV/SP-125	5	2	5	74
11707	AMV/SP-150	6	2	6	101

Stock No.	Model	Jaw Width (in.)	Jaw Depth (in.)	Jaw Opening (in.)	Net Weight (lbs.)
SUPER PRECISION SELF CENTERING VISE					
11713	SCV/SP-100	4	1-1/2	4	34



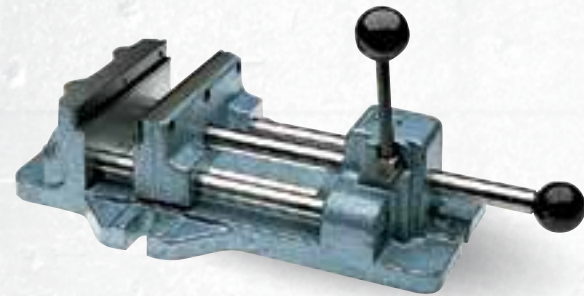
DRILL PRESS VISES

VERSATILITY AND SPEED



VERSATILE DRILL PRESS VISES

- Rapid acting nut disengages spindle for quick adjustments
- Made from high grade cast iron
- Ground vise bed for smooth, consistent jaw movement
- Hardened top V-groove jaws
- Rugged design and large workload capacity



CAM ACTION DRILL PRESS VISES

- Simple push or pull on the center bar knob sets the jaw in position
- Easy press locking lever cams the jaw ahead 3/32", exerting a holding pressure that is adjustable from 400 to 1100 lbs.
- Base is designed for clear through drilling applications
- Unique top locking lever can be raised or lowered to tighten or loosen against the work piece.

DRILL PRESS VISES

GENERAL PURPOSE



STANDARD DRILL PRESS VISE

- 4" Jaw width opens to a maximum of 4-1/2"
- Grooved jaws provide a firm, secure grip on your work material
- Elongated holes for easy fastening onto drill presses or work surfaces



INDUSTRIAL DRILL PRESS VISES

- Designed for applications including drilling, tapping, reaming and grinding
- Durable base has bolt lugs for easy mounting on a machine table
- Hardened V Grooved Jaws hold round shaped objects both vertically and horizontally
- Zinc plated fine threaded screw provides smooth clamping action

Stock No.	Model	Jaw Width (in.)	Jaw Opening (in.)	Jaw Depth (in.)	Net Weight (lbs.)
VERSATILE – CONTINUOUS NUT					
63238	1335	3	2-3/4	1-7/8	6
63239	1345	4	4	2-1/8	12
63240	1360	5	5	2-1/8	20
VERSATILE – RAPID ACTING NUT					
63242	1445	4-1/2	4-3/4	1-7/8	15
63243	1460	6	6-3/4	2-1/8	29

Stock No.	Model	Jaw Width (in.)	Jaw Opening (in.)	Jaw Depth (in.)	Net Weight (lbs.)
CAM ACTION					
13400	1203	3	3	1-1/4	10
13401	1204	4	4-11/16	1-5/16	18
13402	1206	6	6-3/16	1-13/16	35
13403	1208	8	8-3/16	2	53

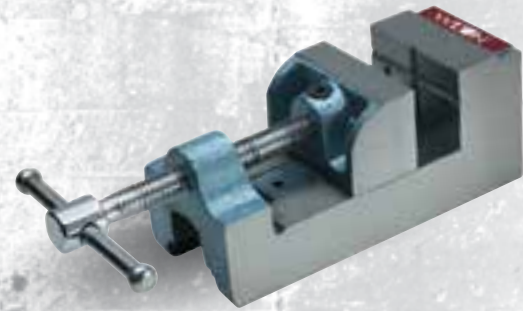
Stock No.	Model	Jaw Width (in.)	Jaw Opening (in.)	Jaw Depth (in.)	Replacement Jaw Insert No.	Net Weight (lbs.)
STANDARD DRILL PRESS VISE						
69997	1203	4	4-1/2	1-1/2	-	7

Stock No.	Model	Jaw Width (in.)	Jaw Opening (in.)	Jaw Depth (in.)	Replacement Jaw Insert No.	Net Weight (lbs.)
INDUSTRIAL DRILL PRESS VISES						
11674	DI44	4	4	1-1/2	11674-01	10
11676	DI66	6	6	2	11676-01	35



DRILL PRESS VISES

GENERAL PURPOSE



STANDARD THREE-SIDED DRILL PRESS VISES

- Precision grinding of sides and front side face permits additional mounting positions for drilling, tapping or reaming
- Combining a smooth moveable jaw plate with a cross-patterned 90° V groove stationary jaw.
- The vise is recommended for general use.



LOW PROFILE DRILL PRESS VISES

- Designed for applications including drilling, tapping and reaming
- Low profile clearance for increased working room on machine table
- Hardened V Grooved Jaws hold round shaped objects both vertically and horizontally
- Durable construction with fine grain cast iron castings and hardened steel vise jaws
- Black oxide coated ACME threaded screw provides consistent clamping pressure
- Highly accurate with beds and bases parallel to $\pm .001"$

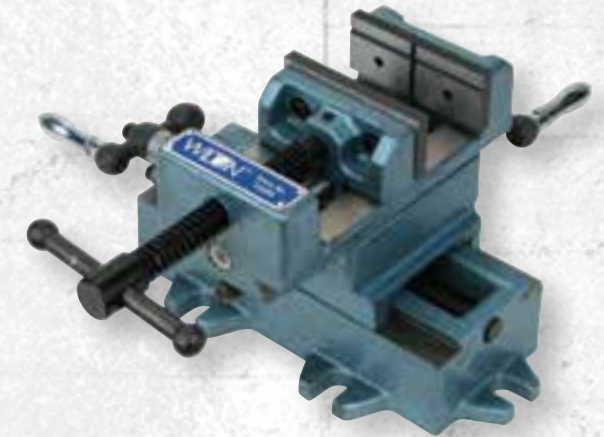
DRILL PRESS VISES

PRECISE ANGLED DRILLING



CRADLE STYLE ANGLE DRILL PRESS VISE

- Designed for applications including drilling, tapping and reaming requiring angle setup
- Cradle design with 90° vertical indexing, scaled in 1° increments
- Side tommy bar allows secure locking at any increment from 0° - 90°
- Pin hard stops at 0°, 15°, 30°, 45°, 60°, 75° and 90° for common applications
- Durable construction with fine grain cast iron castings and hardened smooth vise jaws



CROSS SLIDE DRILL PRESS VISES

- Accurately moves your workpiece horizontal and longitudinal for precise positioning
- Cast side knobs accurately dial in .1mm increments
- Hardened V Grooved Jaws hold round shaped objects both vertically and horizontally
- Durable construction with fine grain cast iron castings
- Black oxide coated screw provides consistent clamping pressure
- Durable base has 5 bolt lugs for easy mounting on a machine table

Stock No.	Model	Jaw Width (in.)	Jaw Opening (in.)	Jaw Depth (in.)	Net Weight (lbs.)
STANDARD THREE-SIDED DRILL PRESS VISES					
12800	25	2-1/2	2-9/16	1-1/2	6
12860	30	3	3-1/8	1-3/4	10

Stock No.	Model	Jaw Width (in.)	Jaw Opening (in.)	Jaw Depth (in.)	Replacement Jaw Insert No.	Net Weight (lbs.)
LOW PROFILE DRILL PRESS VISES						
11743	LP3	3	3	1-1/8	11743-01	8
11744	LP4	4	4	1-1/2	11744-01	12
11746	LP6	6	6	2	11746-01	30
11748	LP8	8	8	2	11748-01	50

Stock No.	Model	Jaw Width (in.)	Jaw Opening (in.)	Jaw Depth (in.)	Replacement Jaw Insert No.	Net Weight (lbs.)
CRADLE STYLE ANGLE DRILL PRESS VISE						
11753	CR3	4	3	1-1/8	11753-01	12
11754	CR4	6	4	1-1/2	11754-01	17

Stock No.	Model	Jaw Width (in.)	Jaw Opening (in.)	Jaw Depth (in.)	X-Travel (in.)	Y-Travel (in.)	Replacement Jaw Insert No.	Net Weight (lbs.)
CROSS SLIDE DRILL PRESS VISES								
11693	CS3	3	3	1-1/8	4-9/10	4-9/10	11693-01	16
11694	CS4	4	4	1-3/8	4-9/10	4-9/10	11694-01	20
11695	CS5	5	5	1-1/2	5-9/10	5-9/10	11695-01	45
11696	CS6	6	6	2	7-9/10	7-9/10	11696-01	59
11698	CS8	8	8	2	7-9/10	7-9/10	11698-01	77

